

Title (en)

Extension device for telescopic booms of hydraulic cranes

Title (de)

Vorrichtung zur Ausschlebung des Teleskopmastes eines hydraulischen Krans

Title (fr)

Dispositif pour l'extension du mât télescopique d'une grue hydraulique

Publication

**EP 1270494 A1 20030102 (EN)**

Application

**EP 02013063 A 20020613**

Priority

IT TO20010586 A 20010618

Abstract (en)

The boom (7) of a truck-mounted crane comprises several telescopically slidable sections which are extended and collapsed by hydraulic jacks (13). Pressurized fluid is supplied to the jacks through extension and collapse transfer conduits (14, 15) bored or received inside the rods (18) of the jacks. The extension transfer conduits (14) are intercepted by valves (19) located on the heads of the jack pistons and mechanically operated by the bottoms of the cylinders of the jacks through tappets (21). The collapse transfer conduits (15) are provided with draining means comprising respective offtakes (17a) controlled by switches (24) that are mechanically operated by fingers (25) on the rods of the upstream-adjacent jacks, respectively. <IMAGE>

IPC 1-7

**B66C 23/693**; F15B 15/14; F15B 11/20

IPC 8 full level

**B66C 23/693** (2006.01); **B66C 23/70** (2006.01); **F15B 11/20** (2006.01); **F15B 15/14** (2006.01); **F15B 15/16** (2006.01)

CPC (source: EP)

**B66C 23/54** (2013.01); **B66C 23/705** (2013.01); **F15B 11/205** (2013.01); **F15B 15/1457** (2013.01); **F15B 15/149** (2013.01)

Citation (search report)

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- [DA] IT 1233225 B 19920320 - FASSI GRU IDRAULICHE S P A [IT]
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